

ABSTRACT OF THE DISCLOSURE

Subcl 7

5 In a liquid discharge head having a movable member positioned oppositely to a heating element with a distance from the heating element to realize the liquid discharge head, in which durability of a movable member is improved and discharge characteristic is stable, and reliability is high. On a device substrate on which a plurality of heating elements are mounted in parallel, a deposition film is formed by photolithographic technique to form a movable member, by soaking the movable member in an etching solution after formation of the movable member, a right-angled part and an acute-angled part, and a burr formed on the edge of a side part of the movable member are removed to make a surface of the side part of the movable member to the curved face 11. When the movable member is displaced by a pressure created by a bubble generated by the heating element to discharge ink from a discharge port and the movable member is excessively displaced, when a stress according to the displacement of the movable member is added to the movable member, a stress concentration is relaxed in the side part of the movable member and consequently, it is prevented to cause cracks in the movable member and fracture of the movable member.

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